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TI **Cement** mix compositions for **concrete** spray coating
IN Harada, Katsuki; Tanaka, Junichi; Goto, Takahiro
PA Mitsubishi Materials Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM C04B028-04
ICS E21D011-10; C04B028-04; C04B022-06; C04B111-20
CC 58-2 (Cement, Concrete, and Related Building Materials)
Section cross-reference(s): 59, 74
FAN.CNT 1

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PRAI JP 1998-89258		19980317		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 11263660	ICM	C04B028-04
	ICS	E21D011-10; C04B028-04; C04B022-06; C04B111-20
	IPCI	C04B0028-04 [ICM,6]; E21D0011-10 [ICS,6]; C04B0028-04 [ICS,6]; C04B0022-06 [ICS,6]; C04B0111-20 [ICS,6]
	ECLA	C04B028/04

AB The **cement** mix compns. contain portland **cement** 50-90, silica fume 3-15, and Ti oxide 5-40 weight%. Ti oxide show NOx decomposition effects, antibacterial effects, and antifouling effects, so that the **cement** mix compns. is suitable for spray coating on tunnel inner walls.
ST spray coating **concrete** titanium oxide **photocatalyst**; antifouling spray coating **concrete** titania **photocatalyst** ; air purifn spray **concrete** titania **photocatalyst**; antibacterial spray coating **concrete** titania **photocatalyst**; tunnel wall spray coating **concrete**; nitrogen oxide decompn **concrete** titania **photocatalyst**; **cement** spray coating titania **photocatalyst**